Information Assurance Applications in Software Engineering Projects

Lt. Col. Thomas A. Augustine (Ret.) and Dr. Lori L. DeLooze. Four recent capstone projects by students in the U.S. Naval Academy's (USNA) Department of Computer Science offer some interesting insights into methodologies for information assurance (IA). This article looks at the tasks and challenges of each project and consolidates the experiences into lessons learned for designing and implementing software or systems that incorporate the IA concepts of confidentiality, data integrity, authentication, and system availability.

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1. https://buildsecurityin.us-cert.gov/adm-bsi/1185-BSI.html